

### AMENDMENTS TO THE CLAIMS

1.-20. (Canceled)

21. (Currently amended) A method for diagnosing psoriasis in ~~assessing the immunological potential of a subject,~~ said method comprising:

obtaining a peripheral blood sample from said subject comprising T-cells, and  
subjecting the sample to cell surface ~~discrimination means to~~

determining an amount of T-cells in the sample that express CD4, CMRF-35 and CXCR3 cell surface markers ~~determine the presence, absence or level of CD4<sup>+</sup> T-cells,~~  
wherein a reduction in the number of T-cells expressing the cell surface markers in the sample as compared to the number of T-cells expressing the cell surface markers in a peripheral blood sample from a normal subject indicates that the subject has or is at risk of developing psoriasis~~selected from the list consisting of:~~

~~CMRF 35<sup>++</sup> CD45RO<sup>+</sup>;~~

~~CMRF 35<sup>+</sup> CD45RO<sup>+</sup>;~~

~~CMRF 35<sup>-</sup> CD45RO<sup>+</sup>;~~

~~CMRF 35<sup>+</sup> CD45RO<sup>-</sup>;~~ and

~~CMRF 35<sup>-</sup> CD45RO<sup>-</sup> T-cells.~~

22. (Original) The method of Claim 21 wherein the subject is a mammal.

23. (Original) The method of Claim 22 wherein the mammal is a human.

24.-36. (Canceled)

37. (Currently amended) The method of claim 21, wherein said ~~CD4<sup>+</sup>~~ T cells also express CD45RO cell surface marker ~~are CMRF 35<sup>++</sup> CD45RO<sup>+</sup> CXCR3<sup>+</sup> T-cells.~~